Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD)
Re-accredited with 'A++' Grade by NAAC.CGPA 3.65/4, Category I by UGC
Coimbatore – 641 043, Tamil Nadu, India

PLAGIARISM CHECK REPORT (THESES)

1.	Name of the Research Scholar	Kanimozhi N
2.	Roll No. and Year of Registration	17PHBCF003
3.	Department	Biochemistry, Biotechnology & Bioinformatics
4.	Name of the Research Guide	Dr. Kalaiselvi Senthil
5.	Title of the Thesis / Dissertation	*In planta* assimilation and characterization of metal nanoparticles in *in vitro* shoots of *Withania somnifera* and its therapeutic evaluation using rotenone induced SH-SY5Y cells
6.	Similarity Content (%) Identified	**5%**
7.	Software Used	Turnitin
8.	Date of Verification	31-07-2024

Note : The report is excluding 14 Consecutive words, Review of Literature and Quoted Materials.

Checked by :

31/7/24
Information Scientist

N. Kanimozhi
Research Scholar

31.07.24
Assistant Librarian

kalaiselvi 31/7/2024
Research Guide

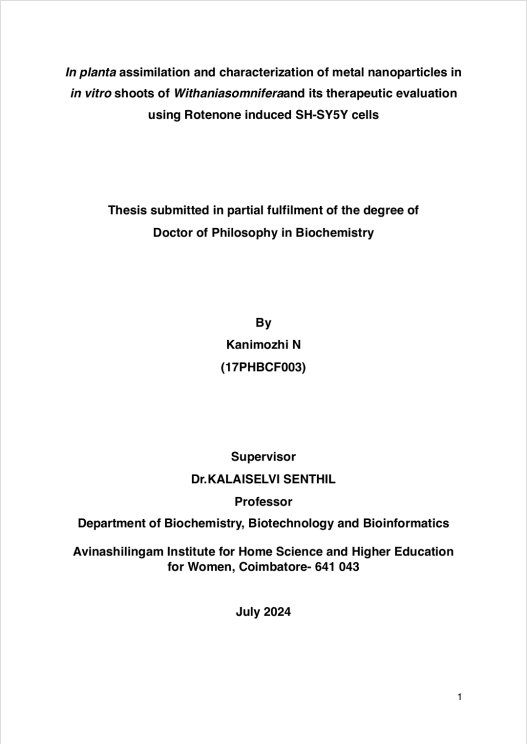
Date: 31-07-2024

Digital Receipt

This receipt acknowledges that Turnitin received your paper. Below you will find the receipt information regarding your submission.

The first page of your submissions is displayed below.

Submission author:	Library ADU
Assignment title:	Paper 2024
Submission title:	In planta assimilation and characterization of metal nanopa...
File name:	InPlanta.doc
File size:	38.91M
Page count:	123
Word count:	31,619
Character count:	173,419
Submission date:	31-Jul-2024 10:28AM (UTC+0530)
Submission ID:	2332655004



In planta assimilation and characterization of metal nanoparticles in *in vitro* shoots of *Withaniasomnifera*and its therapeutic evaluation using Rotenone induced SH-SY5Y cells

Thesis submitted in partial fulfilment of the degree of Doctor of Philosophy in Biochemistry

By
Kanimozhi N
(17PHBCF003)

Supervisor
Dr.KALAISELVI SENTHIL
Professor
Department of Biochemistry, Biotechnology and Bioinformatics
Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore- 641 043

July 2024

1

In planta assimilation and characterization of metal nanoparticles in in vitro shoots of Withaniasomniferaand its therapeutic evaluation using Rotenone induced SH-SY5Y cells

by Library ADU

Submission date: 31-Jul-2024 10:28AM (UTC+0530)
Submission ID: 2332655004
File name: InPlanta.doc (38.91M)
Word count: 31619
Character count: 173419

In planta assimilation and characterization of metal nanoparticles in in vitro shoots of Withaniasomniferaand its therapeutic evaluation using Rotenone induced SH-SY5Y cells

ORIGINALITY REPORT

5%	2%	5%	1%
SIMILARITY INDEX	INTERNET SOURCES	PUBLICATIONS	STUDENT PAPERS

PRIMARY SOURCES

1	Kanimozhi Natarajan, Karthikeyan Adhimoolam, Krishnapriya Santhanu, Sangeetha Vinod et al. "In planta synthesis of silver nanoparticles and its effect on adventitious shoot growth and withanolide production in Withania somnifera (L.) Dunal", Plant Physiology and Biochemistry, 2024 Publication	2%
2	Kanimozhi Natarajan, Karthikeyan Adhimoolam, Sangeetha Vinod, Krishnapriya Santhanu et al. "An investigation on reduction capability of lead and its influence on withanolides in in vitro shoots of Withania somnifera (L.) Dunal", South African Journal of Botany, 2024 Publication	1%
3	Sangeetha Vinod, Kanimozhi Natarajan, Krishnapriya Santhanu, Divya Selvakumar, Senthil Natesan, Kalaiselvi Senthil. "Effect of seaweed elicitation and culture conditions on	<1%